

REMARKS/ARGUMENTS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 1-4, 6-13 and 15-18 are pending in the present application. Claims 5 and 14 have been canceled, claims 1-4, 6 and 7 have been amended and claims 15-18 have been added by the present amendment.

In the outstanding Office Action, claims 1-5, 7-11 and 14 were rejected under 35 U.S.C. § 103(a) as unpatentable over Sayan et al. in view of Zimowski et al.; claim 6 was rejected under 35 U.S.C. § 103(a) as unpatentable over Sayan et al. in view of Zimowski et al. and Vincent et al.; and claims 12 and 13 were rejected under 35 U.S.C. § 103(a) as unpatentable over Sayan et al. in view of Zimowski et al. and the Internet Protocol specification.

Claims 1-5, 7-11 and 14 stand rejected under 35 U.S.C. § 103(a) as unpatentable over Sayan et al. in view of Zimowski et al. This rejection is respectfully traversed.

Amended independent claim 1 is directed to an inter-processor communication method for a mobile communication system including receiving a message transmission request from a connectionless-orientated user, in which the request includes a message and a destination address of said message. The method also includes determining whether any one of currently existing sockets, whose file descriptors are stored in a socket management database, is connected to the destination address, and sending a connection request to a

connection manager to be connected to a TCP (transmission control protocol) layer to provide a connection-orientated service to the connectionless-orientated user, if it is determined in the step (b) that none of the existing sockets are connected to the destination address. Independent claim 7 includes similar features in a varying scope.

Thus, as shown in the non-limiting example of Fig. 1, for example, a connectionless-oriented user-1, user-2...user-3 can connect to a TCP message router, which is a connection-oriented system. Therefore, according to the present invention, a connectionless-oriented user is able to communicate with a connection-oriented data transmission system (see, for example, paragraph [008]).

On the contrary, as shown in Fig. 2, for example, Sayan et al. does not teach or suggest a connectionless-oriented user connecting to a connection-oriented service. Rather, in Sayan et al., resources are implemented dynamically such that when a user issues a transaction, its process is dedicated for that transaction. When the transaction is completed, the process becomes available for other transactions. Thus, in Sayan et al., a process is not dedicated to a user but to a transaction (see col. 2, lines 48-58, for example). Further, the Connectionless Process Pool disclosed in col. 10 of Sayan et al. is related to dynamically handling a pool process for connectionless users. This section does not teach connectionless-oriented users connecting to a connection-oriented service as in the present invention. That is, this section merely describes handling the traditional connectionless users but does not describe how to handle a connectionless-oriented user when accessing a

connection-oriented service as in the present invention. Zimowski et al. also do not teach or suggest these features.

Accordingly, it is respectfully submitted independent claims 1 and 7 and each of the claims depending therefrom are allowable.

Further, it is respectfully submitted the other rejections noted in the Office Action have also been overcome as the additional references cited therein also do not teach or suggest the claimed features.

In addition, the specification and abstract have been amended to correct minor informalities. No new matter has been added.

Also, new claims 15-18 have been added to set forth the invention in a varying scope, and Applicants submit the new claims are supported by the originally filed specification. It is respectfully submitted the new claims are allowed for similar reasons as discussed above.

CONCLUSION

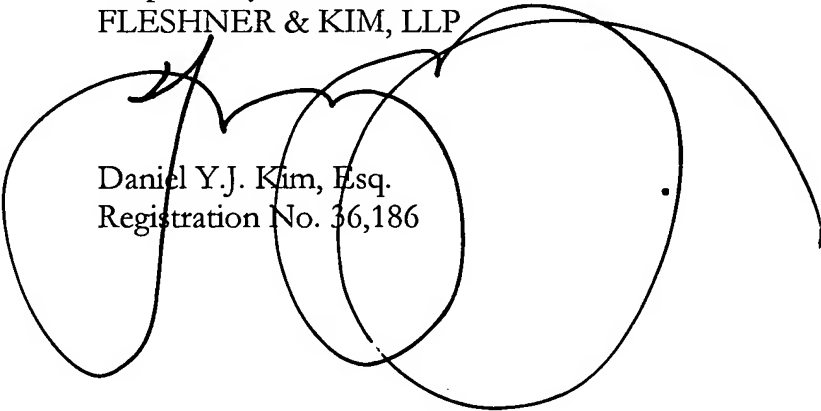
In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and prompt allowance are earnestly solicited. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney, at the telephone number listed below.

Serial No. 10/029,150
Reply to Office Action of March 10, 2005

Docket No. K-0383

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
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